



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

31/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 31/Aug/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	95.318	3179.413	1) Madhya Pradesh	59.005	1365.692
2) Hydro	8.041	465.056	2) Gujrat	21.246	661.095
3) Gas	15.404	457.238	3) Goa	-5.480	-168.867
Total MSGENCO	118.763	4101.707	4) TAPS 1&2 (Inj.)	7.314	223.781
B) OTHERS			5) Pench (Excess)	-0.184	-17.424
1) RGPPL Gas	18.742	690.090	# Total Cent. Sector	81.901	2064.277
2) Wind Generation	5.853	389.529	F) Other Exchanges		
3) PENCH (MS)	0.184	18.398	1) With TPCL	-4.127	-95.565
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.885	933.651	1) MSEDCL Bilateral	4.593	126.249
2) TPCL Hydro	5.042	122.256	Include PX	0.000	8.610
TOTAL TPCL	34.927	1055.907	2) MUMBAI Bilateral	4.938	122.998
3) REL Thermal	12.657	377.999	Include PX	0.418	11.870
D) STATE			3) MUMBAI Schedule	4.938	126.434
1) Thermal (A1+C1+C3)	137.860	4491.063	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.267	605.710	1) MSEDCL	221.316	7168.436
3) Gas (A3+B1)	34.146	1147.328	2) TPCL	34.353	1009.810
4) Wind (B2)	5.853	389.529	3) REL	17.359	519.880
TOTAL STATE	191.126	6633.630	TOTAL STATE	273.028	8698.126

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3807	4315	3836
MSGENCO Hydro	360	1246	74
MSGENCO Gas	649	641	657
MSGENCO Total Generation	4816	6202	4567
Central Sector Receipt	3630	3320	3346
RGPPL	653	958	628
WIND	204	291	245
Exchange with TPCL	-421	-247	30
MSEDCL DEMAND MET	8882	10534	8816
Load Shedding	2334	2226	1049
MSEDCL DEMAND (INCL. LS)	11216	12760	9865
TPCL GENERATION	1688	1732	1002
REL GENERATION	527	525	528
TPCL+REL DEMAND	2636	2504	1500
STATE DEMAND MET	11518	13038	10316
STATE DEMAND (INCL. LS)	13852	15264	11365
Frequency (Hz)	49.63	49.46	50.08
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2966 MW AT 10.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			54.51 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.34 Hz at 17.05 Hrs	49.13 Hz at 22.24 Hrs	49.76	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 31/Aug/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.04	42.60	62	17	60
Unit 3	0.00	32.84	0	0	0
Unit 4	0.00	42.40	0	0	0
Unit 5	1.13	88.99	120	0	100
Unit 6	2.34	88.57	121	42	110
Unit 7	2.40	36.07	125	39	130
	6.92	331.47			400
Bhusawal					
Unit 1	1.16	34.24	59	36	45
Unit 2	3.80	96.78	163	150	160
Unit 3	1.62	122.27	184	0	0
	6.58	253.29			205
Parli					
Unit 1	0.57	16.50	26	20	20
Unit 2	0.60	17.16	26	24	20
Unit 3	3.32	125.17	168	97	170
Unit 4	0.00	0.00	0	0	0
Unit 5	3.69	124.65	178	143	170
Unit 6	5.16	131.17	222	205	220
	13.33	414.66			600
Chandrapur					
Unit 1	3.32	101.73	152	118	120
Unit 2	2.72	94.50	123	93	105
Unit 3	2.52	121.60	140	51	160
Unit 4	2.68	134.54	189	52	55
Unit 5	7.59	259.32	371	244	380
Unit 6	6.60	254.28	360	188	250
Unit 7	4.87	55.06	317	132	200
	30.30	1021.04			1270
Paras					
Unit 2	0.98	22.98	44	38	40
Unit 3	3.60	121.36	192	125	170
	4.58	144.34			210
Khaparkheda					
Unit 1	4.62	135.70	208	163	180
Unit 2	4.21	138.28	190	152	160
Unit 3	4.62	152.73	206	162	180
Unit 4	4.89	144.62	212	185	210
	18.34	571.34			730
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.98	47.69	90	64	90
Unit 3	4.54	142.42	206	165	195
Unit 4	4.53	133.01	196	180	190
Unit 5	4.22	120.16	194	157	185
	15.26	443.28			660
Uran					
All Units	15.40	457.24	665	565	630
	15.40	457.24			630
Koyna					
Stage 1-2	1.84	89.36	255	40	600
Stage 4	2.78	238.45	709	0	250
Koyna 12&4 Total	4.61	327.82			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.60	79.76	240	0	240
	6.21	407.57			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.66	0	0	0
TILLARI	0.46	17.97	59	0	60
BHTGR/VEER	0.48	8.90	20	20	9
BHIRA T.R.	0.40	11.11	82	0	80
RNGR+BHTSA	0.10	7.76	4	4	0
BHANDARDRA	0.06	2.88	30	0	34
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.05	0.42	9	0	9
GHATGHAR	0.28	7.46	120	0	0
	1.83	57.59			192
PENCH (MS)					
Pench (MS)	0.18	18.40	43	0	0
	0.18	18.40			0
Wind					
MalharPeth	0.61	17.66			
Vankuswadi	0.78	37.39			
ATIT	0.35	9.01			
Kale	0.20	10.09			
Satara	0.36	26.52			
Shirala	0.22	11.36			
K Mahankal	0.11	13.33			
Supa	0.14	5.90			
Vita	0.86	59.53			
Dondaicha	1.06	122.33			
Sakri	0.24	23.21			
Nandurbar	0.14	14.72			
Khadakale	0.58	24.27			
Khaparale	0.20	14.19			
	5.85	389.53			
Dabhol					
RGPP L II	18.74	690.09	962	628	585
RGPP L III	0.00	0.00	0	0	0
	18.74	690.09			585
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	374.68	505	505	500
Trombay 6	10.57	329.83	510	160	500
Trombay 7A	2.40	74.09	114	89	100
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	4.79	155.05	223	176	220
TATA Hydro	5.04	122.26	408	0	447
	34.93	1055.91			1767
REL					
1&2	12.66	378.00	530	525	500
	12.66	378.00			500
Cent Sect					
Share					3250
					3250

MS PG CL	Thermal	95.32	3179.41		4075
	Thml+Gas	110.72	3636.65		4705
	Hydro	8.04	465.06		1282
	Total	118.76	4101.71		5987
State Total		191.13	6633.63		12089

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/Aug/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	3867	93	655	4615	628	249	2799	3476	-0	28	8996	1086	10082	1733	11815	49.89
2	3868	69	662	4599	628	240	2962	3390	-0	29	8886	1114	10000	1580	11580	50.03
3	3836	74	657	4567	628	245	2963	3346	-0	30	8816	1049	9865	1500	11365	50.08
4	3842	64	605	4511	628	256	2963	3299	-0	29	8723	1211	9934	1464	11398	49.94
5	3865	64	610	4539	628	259	2961	3467	-0	28	8921	1241	10162	1440	11602	49.83
6	3822	154	630	4606	628	200	2819	3672	-0	29	9162	1348	10510	1551	12061	49.80
7	3805	74	665	4544	628	213	2902	3396	-10	21	8815	2044	10859	1655	12514	49.93
8	3763	77	655	4495	628	174	2944	3423	-13	16	8736	1977	10713	1795	12508	50.05
9	3816	127	660	4603	628	157	2969	3641	-9	21	9050	1890	10940	2045	12985	49.91
10	3908	131	663	4702	628	156	3327	3631	-407	-377	8740	2655	11395	2392	13787	49.85
11	3864	238	655	4757	628	158	3345	3458	-425	-396	8605	2516	11121	2572	13693	49.72
12	3807	360	649	4816	653	204	3369	3630	-448	-421	8882	2334	11216	2636	13852	49.63
13	3832	356	649	4837	695	176	3360	3692	-448	-415	8985	2072	11057	2649	13706	49.54
14	3820	197	650	4667	937	194	3289	3553	-385	-366	8985	2024	11009	2564	13573	49.64
15	4005	161	648	4814	937	237	3261	3287	-391	-375	8900	2407	11307	2593	13900	49.66
16	4037	69	646	4752	949	288	3290	3134	-398	-381	8742	2665	11407	2610	14017	49.68
17	4091	77	657	4825	954	439	3317	3320	-402	-387	9151	2314	11465	2582	14047	49.83
18	4206	160	658	5024	956	400	3132	3132	-314	-286	9226	2094	11320	2508	13828	49.83
19	4409	296	646	5351	958	402	3071	3468	-231	-188	10005	2092	12097	2412	14509	49.69
20	4315	1246	641	6202	958	291	3242	3320	-285	-247	10534	2226	12760	2504	15264	49.46
21	4256	1397	645	6298	959	259	3180	3308	-242	-179	10655	1972	12627	2407	15034	49.55
22	4151	1250	630	6031	962	230	3109	3209	-171	-109	10350	1973	12323	2294	14617	49.61
23	4100	803	603	5506	957	234	3113	3254	-193	-133	9858	1744	11602	2195	13797	49.42
24	4033	504	565	5102	959	192	3128	3395	-163	-98	9593	1264	10857	2030	12887	49.57
MUs	95.32	8.04	15.40	118.76	18.74	5.85	74.82	81.90	-4.94	-4.13	221.32	45.31	266.63	51.71	318.34	49.76

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 31/Aug/2009

Position as on 6.30 Hrs of 01/Sep/2009

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	31/03/2010
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	08/09/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Generator Rotor Problem	30/09/2009
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	03/09/2009
Parli Unit 4	210	25/07/2009	00.58		Continued.	AOH.	01/09/2009
Koyna Unit 11	80	25/07/2009	15.30		Continued.	To attend Stator Earth Fault	25/09/2009
Cent_Sect NTPC(V-3)	210	25/08/2009	00.25		Continued.	A/OH	26/09/2009
Cent_Sect NTPC(K-1)	210	27/08/2009	23.55		Continued.	AOH	28/09/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	20/12/2009
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	25/10/2009
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Koradi Unit 3	105	26/08/2009	01.13		Continued.	Generator Rotor E/F	06/09/2009
Bhusawal Unit 3	210	28/08/2009	23.05	31/08/2009	11.32	ID fan problem bonet value leakage.	01/09/2009
Koradi Unit 4	115	30/08/2009	17.53	01/09/2009	01.16	Fire in wind box.	01/09/2009
Dabhol 2B	230	30/08/2009	22.24	31/08/2009	11.09	CW Pump problem.	
Dabhol 2X	290	30/08/2009	22.28	31/08/2009	12.21	C W Pump problem.	
Koradi Unit 5	200	31/08/2009	12.11		Continued.	CHP Problem.	
Cent_Sect NTPC(V-8)	500	01/09/2009	00.31		Continued.	Control Valve Drain Line Leakage.	
Koradi Unit 2	105	01/09/2009	04.43		Continued.	Wet Coal Problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Aug/2009

Position as on 6.30 Hrs of 01/Sep/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Mudshingi-Chikodi	31/08/2009	11.40	31/08/2009	18.30	Main Bus-II Outage @ Mudshingi. Line is charged from Mudshingi end only.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
Akola - Wardha - I	28/08/2009	00.06	31/08/2009	17.24	H/T for O/V.
Seoni - Wardha	28/08/2009	00.07	31/08/2009	16.46	H/T for O/V.
Kolhapur-Mapusa Ckt I	30/08/2009	23.46	31/08/2009	09.03	H/T for O/V
DHULE-SAR'SAROVAR-I	31/08/2009	01.05	31/08/2009	18.50	H/T for O/V
Kolhapur-Mapusa-II	31/08/2009	23.56		Continued.	Hand Tripped for Over Voltage.
Dhule-Sar'Sarovar II	31/08/2009	23:51		Continued.	H/T for O/V.
Akola - Wardha - I	01/09/2009	01.44		Continued.	Hand Tripped for Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Seoni - Wardha	01/09/2009	01.44		Continued.	Tripped on Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV,315MVA ICT-I at Chandrapur	31/08/2009	10.23	31/08/2009	17.27	CRM Testing of Main CB. ICT on TBC.
Karad-New Koyna II	31/08/2009	13.48	31/08/2009	16.42	Testing Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Karad - Ogalewadi - II	17/08/2009	07.20		Continued.	C.B.Replacement.BREAKER ON TBC AT OGLEWADI.
Kandalgaon-Lonand	26/08/2009	16.04		Continued.	Line on TBC at Lonand end(CB Prob)
Nasik TBC	28/08/2009	08.45		Continued.	Breaker replacement.
Chinchwad-Urse	31/08/2009	09.17	31/08/2009	17.58	Replacement of Old Insulators.
220/100 KV,125 MVA ICT-III at Trombay S/S.	31/08/2009	09.32		Continued.	Replacement of Relay Panels & Control Panels.
Main Bus - II @ Mudsunghi	31/08/2009	11.40	31/08/2009	18.03	Erection of Bus Section Isolator.
220 kv Varsova M.B.-II	01/09/2009	00:22	01/09/2009	2:42	Jumpering Work for 100MVA T/F NO.IV
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malegaon-Manmad	21/08/2009	13:32		Continued.	ICT -II Problem at 220 Kv Malegaon.
Malegaon- Malegaon-I	27/08/2009	15:55	31/08/2009	16.30	ICT -II on outage at 220Kv Malegaon.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	27/08/2009	09.07		Continued.	CKT H/T to load Akola ICT.
Wardha--Dhamangaon	27/08/2009	18:18		Continued.	H/T to load Akola ICT
Voltage Level : 220KV			Outage Type TRIPPED		
Virur - Gadhchiroli	01/09/2009	00.09	01/09/2009	00.28	Trip, Z 1,R Ph.
BBLSR-RANJANGAON	01/09/2009	04.26	01/09/2009	04.43	Tripped on Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 01/Sep/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	0
Unit 4	105	45
Unit 5	200	0
Unit 6	210	60
Unit 7	210	90
	1040	195
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	180
	478	385
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	160
Unit 4	210	0
Unit 5	210	160
Unit 6	250	220
	940	580
Chandrapur		
Unit 1	210	150
Unit 2	210	105
Unit 3	210	100
Unit 4	210	160
Unit 5	500	300
Unit 6	500	250
Unit 7	500	350
	2340	1415
Paras		
Unit 2	55	30
Unit 3	250	170
	305	200
Khaparkheda		
Unit 1	210	180
Unit 2	210	190
Unit 3	210	170
Unit 4	210	210
	840	750
Nasik		
Unit 1	120	0
Unit 2	120	80
Unit 3	210	200
Unit 4	210	190
Unit 5	210	180
	870	650
Uran		
All Units	852	540
	852	540
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	9
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	34
ELDARY	23	0
PAITHAN	12	9
GHATGHAR	250	0
	611	194
PENCH (MS)		
Pench (MS)	53	0
	53	0
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khadakale	0	
Khaparale	0	
	0	
Dabhol		
RGPPL II	960	900
RGPPL III	740	0
	1700	900
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	200
TATA Hydro	444	447
	2024	1767
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3061
	3143	3061

	17616	12227
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